U.S. Fish & Wildlife Service

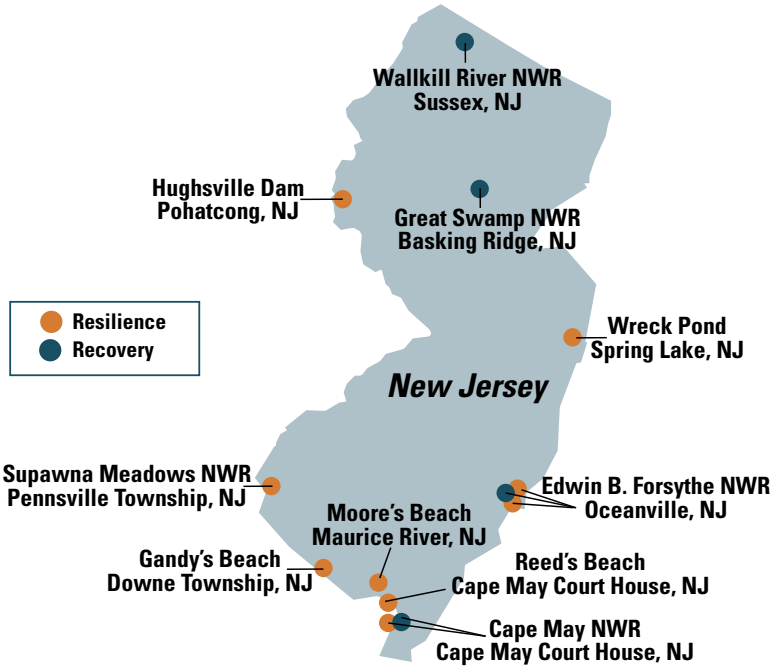
Building a Stronger Coast in New Jersey

Hurricane Sandy Recovery and Resilience Projects

The U.S. Fish and Wildlife Service, through the Disaster Relief Appropriations Act of 2013, is investing more than $42 million in projects to help New Jersey recover from impacts of Hurricane Sandy and to better withstand future storms. The projects will restore and add resilience to freshwater and saltwater habitats, and repair and restore national wildlife refuge (NWR) facilities for safe visitor and staff access.

12 planned projects will:
- Open seven miles of aquatic habitat
- Restore 82 miles of coast
- Restore 37,037 acres of salt marsh

Total funding: $42,583,626



NEW JERSEY RESILIENCE AND RECOVERY PROJECTS

Project	Type	Description	Location	Funding Awarded
Restore coastal marshes in New Jersey national wildlife refuges	Resilience	Restore and protect coasts and salt marshes, improving their resilience to future storms	Statewide	$15,000,000
Increase aquatic connectivity and flood resilience in NJ	Resilience	Remove Hughesville Dam and restore the Wreck Pond Inlet and Dune in Sea Girt and Spring Lake	Pohatcong, NJ Sea Girt, NJ Spring Lake, NJ	$3,050,000
Increase resilience of Delaware Bay beach habitat	Resilience	Restore 1.5 miles of shoreline from Moore's Beach to Pierce's Point to restore wildlife habitat and better withstand future storms	Cape May County, NJ	$1,650,000
Protect Gandy's Beach shoreline	Resilience	Construct more than 400 feet of living shoreline to buffer wave energy and protect the marsh and surrounding communities	Gandy's Beach, NJ	$880,000
Remove debris and repair trails	Recovery	Clear debris and restore visitor trails	Edwin B. Forsythe NWR	$19,142,500
Provide backup power - generator, solar and electrical improvements	Recovery	Provide emergency power and reduce energy use	Edwin B. Forsythe NWR	$686,594
Fix refuge dikes and roads and restore wildlife habitat	Recovery	Restore refuge buildings and clean up debris along 22 miles of coast	Edwin B. Forsythe NWR	$169,600
Provide backup power - generator, solar and electrical improvements	Recovery	Provide emergency power and reduce energy use	Cape May NWR	$686,591

Repair 2-mile beach boardwalk trail and adjacent habitat	Recovery	Rebuild damaged boardwalk and restore habitat for piping plovers	Cape May NWR	$47,500
Repair buildings and trails	Recovery	Repair boardwalks, trails, refuge buildings and other facilities	Great Swamp NWR	$569,997
Provide backup power -generator, solar and electrical improvements	Recovery	Provide emergency power and reduce energy use	Great Swamp NWR	$686,594
Remove debris and repair buildings	Recovery	Restore visitor access and clean up debris	Wallkill River NWR	$14,250

REGIONWIDE SCIENCE PROJECTS

New Jersey also will benefit from regionwide science projects designed to help resource managers, planners, conservation partners and private landowners make better-informed decisions.

Project	Description	Location	Funding Awarded
Modernize coastal barrier resources system (CBRS) comprehensive map	Update the CBRS maps, which highlight delicate natural areas vulnerable to change	CT, DE, MD, MA, NJ, NY, NC, RI, VA	$5,000,000
Provide decision support for increasing resilience of tidal wetland habitats and species	Create a central, region-wide study on wetland impact and effective responses with standardized metrics	CT, DE, MD, MA, NJ, NY, RI, VA	$2,200,000
A Stronger Coast: increase coastal resilience and preparedness	Identify current condition of salt marshes, evaluate shifts in sandy beaches, provide scientific data to help strengthen the coast	CT, DE, ME, NJ, NY, RI, VA	$2,060,000
Provide decision support for increasing resilience of beach habitats and beach-dependent species	Create and integrate predictive models of coastal impacts such as rising sea levels, storms, and beach habitats to study their interaction and guide conservation decisions	CT, DE, MD, MA, NJ, NY, RI, VA	$1,750,000
Determine resilience of the tidal marsh bird community	Assess Hurricane Sandy's impact on tidal marsh sites and identify high-priority areas, standardizing measurement metrics	CT, DE, MD, MA, NJ, NY, RI, VA	$1,573,950
Increase resilience and improve standards for culverts and road stream crossings	Develop a survey of New England road stream crossings to assess condition and effective storm management strategies	CT, DE, MD, MA, NJ, RI, VA	$1,270,000
Model submerged aquatic vegetation and salt marsh resilience	Build a model to help predict effects of future storms on salt marshes and associated migratory bird populations	CT, DE, MD, NJ, NY, NC, RI, VA	$217,000

Greg Breese/USFWS

Red knot

For more information, visit http://www.fws.gov/hurricane/sandy/ or contact:

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